In re Patent Application of

Atty Dkt. 4170-82

C#

Pedersen et al.

Serial No. 09/905,638

Filed: July 13, 2001

Title:

USES AS HERBICIDES

Group Art Unit: 1651

Examiner: Gitomer

IN THE LIMITED STATES PATENT AND TRADEMARK OFFICE

Date: May 15, 2003

METHODS OF DETECTING URACIL BIOSYNTHESIS INHIBITORS AND THEIR

MAY 1 9 2003

RECEIVED

TECH CENTER 1600/2900

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir: RESPONSE/AMENDMENT/LETTER

MAY 1 5 2003

This is a response/amendment/letter in the above-identified application and includes an attachment which is hereby incorporated by reference and the signature below serves as the signature to the attachment in the absence of any other signature thereon.

Correspondence Address Indication Form Attached.

Fees are attached as calculated below:		
Total effective claims after amendment 0 minus highest number previously paid for 20 (at least 20) = 0 x \$ 18.00	\$	0.00
Independent claims after amendment 0 minus highest number previously paid for 3 (at least 3) = 0 x \$ 84.00	\$	0.00
If proper multiple dependent claims now added for first time, add \$280.00 (ignore improper)	\$	0.00
Petition is hereby made to extend the current due date so as to cover the filing date of this paper and attachment(s) (\$110.00/1 month; \$410.00/2 months; \$930.00/3 months)	\$	0.00
Terminal disclaimer enclosed, add \$ 110.00	\$	0.00
☐ First/second submission after Final Rejection pursuant to 37 CFR 1.129(a) (\$750.00) ☐ Please enter the previously unentered , filed ☐ Submission attached	\$	0.00
Subtotal	\$	0.00
If "small entity," then enter half (1/2) of subtotal and subtract Applicant claims "small entity" status. Statement filed herewith	-\$	0.00
Rule 56 Information Disclosure Statement Filing Fee (\$180.00)	\$	0.00
Assignment Recording Fee (\$40.00)	\$	0.00
Other: Information Disclosure Statement; PTO-1449 Form; 19 Documents		0.00
TOTAL FEE ENCLOSED	\$	0.00

The Commissioner is hereby authorized to charge any deficiency, or credit any overpayment, in the fee(s) filed, or asserted to be filed, or which should have been filed herewith (or with any paper hereafter filed in this application by this firm) to our Account No. 14-1140. A duplicate copy of this sheet is attached.

NIXON & VANDERHYE P.C.

By Atty: B. J. Sadoff, Reg. No. 36,663

1100 North Glebe Road, 8th Floor Arlington, Virginia 22201-4714 Telephone: (703) 816-4000 Facsimile: (703) 816-4100

BJS:plb

Signature:



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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In re	Patent	Application of			· · · /
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Seria	l No.	09/905,638	Group:	1651	. 1
Filed	: J	uly 13, 2001	Examiner:	Gitomer	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
For:		HODS OF DETECTING URACIL BI BITORS AND THEIR USES AS HER			
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	Box 14: andria, \	VA 22313-1450		TE	CH CENTER 1600/29 00
Sir:		INFORMATION DISCLOS	URE STATEMEN	<u>r</u>	
×	1.	PTO-1449 Pursuant to 37 CFR 1 [within 3 months of filing or prior to		on the me	
	2.(a)	Statement Pursuant to 37 CFR [before Final Office Action or Allow Statement or Rule 17(p) fee)]		ule 97(e) N/0	C
	2 .(b)	Fee Payment Pursuant to 37 CF [before Final Office Action or Allow Statement or Rule 17(p) fee)]		ule 97(e) <i>\$180.0</i>	0
	3.	Pursuant to 37 CFR 1.97(d) [after Final Office Action or Allowal Statement and Rule 17(p) fee), but	, ,		0
	The fo	ollowing are submitted in the above-	identified applicati	on in comp	oliance with
37 C.	F.R. §§	1.97 and 1.98:			
×	4.	A list of documents on Form PTO-1 identified document and a translation			

each non-English language document (such as a Search Report) is enclosed herewith.

This paper is submitted in accordance with:

\succeq	5.	37 CFR 1.97(b): [within 3 months of filing or prior to 1st Office Action]			
	6.	37 CFR 1.97(c): [before Final Office Action or Allowance, whichever is and	s earlier]		
		The required Statement made in item 8 below; or			
		The \$180.00 fee specified in 37 CFR §1.17(p) for submission of Information Disclosure Statement is authorized in item 9 below.	his		
	7.	37 CFR §1.97(d): [after Final Office Action or Allowance (requires Rule 97(e) Statement and Rule 17(p) fee), but before final fee payment]; and			
		The fee (\$180.00) required by 37 CFR §1.17(p) is submitted here and	ewith;		
		The required Statement is stated in item 8 below.			
	8.	Statement under 37 CFR 1.97(e)			
		The undersigned attorney of record hereby certifies under 37 C.F §1.97(e) that each item of information contained in this Information Disclosure Statement was first cited in a communication from a for patent office in a counterpart foreign application not more than the months prior to the filing of this Information Disclosure Statement item contained in this IDS was the first citation of that item by a for patent office in a counterpart foreign application which occurred than three months prior to the filing of this IDS); or	on oreign ree (each oreign		
		No item of information contained in this Information Disclosure Solvas cited in a communication from a foreign patent office in a conforeign application, and, to the knowledge of the person signing to Statement, after making reasonable inquiry, no item of informatic contained in this Statement was known to any individual designation CFR §1.56(c) more than three months prior to the filing of this Inf Disclosure Statement.	unterpart his n :ed in 37		
\square	9.	Please charge all deficiency fees associated with the submission of the nformation Disclosure Statement and any other fees applicable to this application to Deposit Account No. 14-1140. An original and one (1) of his document are enclosed.	;		

Respectfully submitted, NIXON & VANDERHYE P.C.

IIXON & VANDEIIITET:

Ву:

B.J. Sadoff

Reg. No. 36,663

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Arlington, VA 22201-4714

Telephone: (703) 816-4000

Facsimile: (703) 816-4100



Sheet 1	of 1	•	4 TRACEST		R	ECEIVEL 1 9 2003 ER 1600/2900
INFORM	ATION DISCLOSU	RE ATTY.	OCKET NO.	SERIAL NO.		Ellyn
1141 01111112	CITATION	4170-	-82	09/905,638	MAX	LIVE
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		luly 1	13, 2001	1651		1000/2900
	 		. PATENT DOCUMENTS	1001		
*EXAMINER		0.5	ATENT DOCUMENTS			FILING DATE
INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	IF APPROPRIATE
	5,976,848	11/1999	DAVIS et al.			
						TRANSLATION
	DOCUMENT	DATE	COUNTRY	CLASS	SUBCLASS	YES NO
	2,078,163	03/1993	Canada			
	41 30 833	03/1993	Germany			
	00/36138	06/2000	WO			
<u> </u>	198 57 619	06/2000	Germany			
	OTHER DOCUM	ENTS (inc	cluding Author, Title, Date	e. Pertinent p	ages, etc.)
MIERSCH et al., Biological Activity and Mode of Action of some Dihydroorotic and Dihydroad Derivatives, Vol. 46, No. 5, (1987), pp. 307-315 DUKE, Overview of Herbicide Mechanisms of Action, Environ. Health Perspectives, (1990) 8 GUSTAFSON et al., Evidence that the Phenoxyquinoline Fungicides LY214352 and Quinoxy Modes of Action, Modern Fungicides and Antifungal Compounds II, Chapter 11, Intercept Lir UK, pp. 93-100 GILCHRIST, Molecular Modes of Action, Toxins and Plant Pathogenesis, (1983), pp. 81-136 SAENGER et al., 6-Azauridine-5' -phosphoric Acid: Unusual Molecular Structure and Function (1973) Nature 242:610-612					d Quinoxyfe dercept Limit pp. 81-136 nd Functiona	263-271 In have Differer ed, Andover, al Mechanism
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			Pathway, (1986), Arch. Of Biod			112-119
*Examiner	<u> </u>	AUDIT OF UTE T	Date Conside		, = 100 20 (1).	
	1		Date Conside	100		

Examiner Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application.

Form PTO-FB-A820 (Also PTO-1449)